

INFORMATION DISCLOSURE  
IDS - 07/06/2005  
CITATION

DOCKET NO.

SERIAL N

1539450

59-90

To be signed

**APPLICANT**

NARIMATSU et al.

(Use several sheets if necessary)

FILING DATE

TC/A.U.

June 20, 2005

To be assigned

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

GR	International Search Report for PCT/JP2004/000608 dated 2 March 2004.
GR	Taga et al., <i>Sequential changes in glycolipid expression during human B cell differentiation: enzymatic bases</i> , <u>Biochim.Biophys.Acta</u> , January 1995, vol. 1254, no. 1, pp. 56-65.
GR	Uyama et al., <i>Molecular cloning and expression of human chondroitin N-acetylgalactosaminyltransferase</i> , <u>J.Biol.Chem.</u> , March 2002, vol. 277, no. 11, pp. 8841-8846.
GR	Wandal et al., <i>Substrate specificities, of three members of the human UDP-N-acetyl-<math>\alpha</math>-D-galactosamine: Polypeptide N-acetylgalactosaminyltransferase family, GalNAc-T1, -T2, and -T3</i> , <u>J.Biol.Chem.</u> , September 1997, vol. 272, no. 38, pp. 23503-23514.
GR	Iwai et al., <i>Molecular cloning and characterization of a novel UDP-GlcNAc: GalNAc-peptide <math>\beta</math>-1,3-N-Acetylglucosaminyltransferase (<math>\beta</math>3Gn-T6), an enzyme synthesizing the core 3 structure of O-glycans.</i> , <u>J.Biol.Chem.</u> , April 2002, vol. 277, no. 15, pp. 12802-12809.
GR	Hiruma et al., <i>A novel human <math>\beta</math>-1,3-N-acetylgalactosaminyltransferase which synthesizes a unique carbohydrate structure, GalNAc<math>\beta</math>1-3GlcNAc</i> , <u>J.Biol.Chem.</u> , 14 January 2004, 10.1074/jbc.M310614200.
GR	Hiruma et al., <i>Shinki Hito Toten'i Koso <math>\beta</math>3GalNAc-T2 Idenshi no Cloning to Kino Kaiseki</i> , <u>Biotechnology Symposium Yokoshy</u> , 11 November 2003, vol. 21, pp. 137-140.

\*Examiner

/Ganapathiram Raghu/

Date Considered

10/22/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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June 20, 2005

GROUP

Not Known

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR						
BR						
CR						

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DR					
ER					
FR					
GR					
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IR					
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NR					
OR					
PR					

## OTHER DOCUMENTS (including Author, Title, Pertinent pages, Date, etc.)

GR	QR	"Homo sapiens UDP-GalNAc:betaG1cNAc beta 1,3-galactosaminyltransferase, polypeptide 2, mRNA (cDNA clone MGC: 39558 image: 4826983) complete cds" Accession No. BC029564 (2002)
GR	RR	"Mus musculus adult male urinary bladder cDNA Riken full-length enriched library clone: 9530006110 product: Hypothetical glycosyltransferase family 31 containing protein full insert sequence" Accession No. AK035259 (2002)
GR	SR	Okajima et al. "Expression cloning of human globoside synthase cDNAs" J. Biol. Chem. 275:40498-40503 (2000)
GR	TR	Supplementary European Search Report for EP 04704763.4 dated March 28, 2006
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*Examiner	/Ganapathiram Raghu/	Date Considered	10/22/2006
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NARIMATSU et al.

FILING DATE

GROUP

December 23, 2005

1638

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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GR	JR	Hiruma et al. "Cloning and analyzing functions of a novel human glycosyltransferase of $\beta$ 3GalNAc-T2 gene" Biotechnol. Symposium Abstracts, 21:137-140 (2003) in Japanese with partial English translation
GR	KR	Hiruma et al. "A novel human $\beta$ 1,3-N-acetylgalactosaminyltransferase that synthesizes a unique carbohydrate structure, GalNAc $\beta$ 1-3GlcNAc" J. Biol. Chem. 279:14087-14095 (2004)
GR	LR	Iwai et al. "Molecular cloning and characterization of a novel UDP-GlcNAc: GalNAc-peptide $\beta$ 1,3-N-acetylglucosaminyltransferase ( $\beta$ 3Gn-T6), an enzyme synthesizing the core 3 structure of O-glycans" J. Biol. Chem. 277:12802-12809 (2002)
GR	MR	Taga et al. "Sequential changes in glycolipid expression during human B cell differentiation: Enzymatic bases" Biochim. Biophys. Acta 1254:56-65 (1995)
GR	NR	Uyama et al. "Molecular cloning and expression of human chondroitin N-acetylgalactosaminyltransferase: The key enzyme for chain initiation and elongation of chondroitin/dermatan sulfate on the protein linkage region tetrasaccharide shared by heparin/heparan sulfate" J. Biol. Chem. 277:8841-8846 (2002)
GR	OR	Wandall et al. "Substrate specificities of three members of the human UDP-N-acetyl- $\alpha$ -D-galactosamine: Polypeptide N-acetylgalactosaminyltransferase family, GalNAc-T1, -T2 and -T3" J. Biol. Chem. 272:23503-23514 (1997)
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